

Title (en)

Color shifting film

Title (de)

Film mit winkelabhängiger Farbveränderung

Title (fr)

Film à changement de couleur

Publication

EP 2292423 A1 20110309 (EN)

Application

EP 10185441 A 19990113

Priority

- US 659198 A 19980113
- EP 99900819 A 19990113
- US 9900713 W 19990113

Abstract (en)

Multilayer polymeric films and other optical bodies are provided which are useful in making colored mirrors and polarizers. The films are characterized by a change in color as a function of viewing angle.

IPC 8 full level

B29C 47/88 (2006.01); **B29C 48/08** (2019.01); **B32B 7/02** (2006.01); **B32B 7/023** (2019.01); **B32B 27/36** (2006.01); **B44F 1/14** (2006.01); **G02B 5/00** (2006.01); **G02B 5/08** (2006.01); **G02B 5/28** (2006.01); **G02B 5/30** (2006.01)

CPC (source: EP KR US)

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DE FR GB

DOCDB simple family (publication)

WO 9936258 A1 19990722; AU 2031599 A 19990802; AU 756404 B2 20030109; BR 9906901 A 20001017; CA 2316163 A1 19990722; CN 1293613 A 20010502; CN 1301853 C 20070228; EP 1047550 A1 20001102; EP 1047550 B1 20150415; EP 2292422 A1 20110309; EP 2292422 B1 20161012; EP 2292423 A1 20110309; EP 2292423 B1 20180808; EP 2740591 A1 20140611; EP 2740591 B1 20170719; JP 2002509271 A 20020326; JP 2011085959 A 20110428; JP 2015148813 A 20150820; JP 5980478 B2 20160831; JP 6218772 B2 20171025; KR 100597925 B1 20060713; KR 100653287 B1 20061205; KR 20010034085 A 20010425; KR 20060029295 A 20060405; US 2003035972 A1 20030220; US 2005079333 A1 20050414; US 2007184274 A1 20070809; US 2009323180 A1 20091231; US 6531230 B1 20030311; US 6797366 B2 20040928; US 7138173 B2 20061121; US 7851054 B2 20101214

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